

BUNKER HILL SUPERFUND SITE

ICP

INSTITUTIONAL CONTROLS PROGRAM

BARRIER OPTION PLAN

A Barrier Option Plan (BOP) may be required on large projects in conjunction with an Institutional Controls Program (ICP) permit. All projects which require engineered plans, including Planned Unit Development (PUD) and new subdivisions, must include a detailed BOP prepared by a qualified professional (engineer or architect). Information pertinent to the BOP will be on file in the ICP tracking system. At Panhandle Health District's (PHD) direction, the applicant may be required to submit any or all of the following information:

- Name, signature, license number, seal and address of engineer, land surveyor, architect, professional planner, landscape architect, or contractor as applicable, involved in preparation of the permit application or any materials or documents pertaining thereto;
- Copies of other government permits or permit applications (i.e. County or City) and the supporting documents and materials pertaining thereto;

- A key map showing location of tract with reference to surrounding properties including owners, streets and city boundaries;
- Standardized sheet size;
- North arrow and scale;
- Existing and/or proposed zoning;
- Site plan showing dimensions, boundaries, existing and/or proposed structures;
- Date of current property survey;
- Copies of existing and/or proposed restrictions or covenants;
- List of ordinance variances required or requested (PHD or local government);
- Requested or obtained design waivers or exceptions;
- Identification of on-site and surrounding environmentally sensitive areas such as water courses, flood plains (floodway and 100 year floodplain), or wetlands within 200 feet;
- Soil information as required to determine levels of contamination;
- Location and description of all existing barriers on-site and bordering the site;
- Existing right-of-way and/or easements on, and adjacent to, the tract (i.e. streets, utilities);
- Existing and proposed contour intervals based on U.S.G.S. datum, contours to extend 50 feet beyond the project site borders (additional distance may be required in the case of

subdivisions, PUD's and special use permit situations), contour intervals shall be as follows:

- for sites with grades of less than 3% - 1 foot intervals,
 - for sites with grades of 3% to 10% - 2 foot intervals,
 - for sites with grades over 10% - 5 foot intervals;
- Existing system of site drainage and of any larger tract or basin of which the site is a part;
 - Drainage calculations;
 - Existing and proposed utility infrastructure locations;
 - Locations of existing and/or proposed activities on-site (i.e. lawn, garden, landscaping areas, pathways, driveways, storage areas, structure locations, etc.);
 - Soil erosion and sedimentation control plan (temporary and permanent) if surface is to be disturbed;
 - Dust control plan if surface is to be disturbed;
 - Plan for transporting contaminants, means for transportation, proposed disposal site, and proposed route;
 - Access control plan for construction period;
 - Construction schedule;
 - List of, and locations for, all proposed temporary and permanent barriers to be used in the project;
 - Contractor bonding information;
 - Health and Safety Plan, including equipment and personnel decontamination protocols.

OTHER PAMPHLETS AVAILABLE:

Institutional Controls Program
Soil Disposal
Large Projects - Exterior
Small Projects
Contractor Licensing
Building Renovation-Interior Projects
Building Demolition
Health & Safety
Interior Projects

For more information contact:

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